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Northland Community & Technical College and The National Center for Autonomous Technologies Receive NASA Grant to Launch eVTOL Maintenance Training Program

THIEF RIVER FALLS, Minn., May 8, 2024 – The aviation industry is experiencing a rapid transformation with the emergence and integration of electric vertical take-off and landing (eVTOL) aircraft and other advanced technologies. These innovative aircraft are reshaping the way we think about air travel, but they also exacerbate an existing challenge within the aerospace industry: a shortage of highly skilled technicians with the knowledge and skills to maintain and repair them. Northland Community & Technical College and the National Center for Autonomous Technologies (NCAT) are proud to announce their reception of a NASA grant for the initiation of the Revolutionizing Aviation Maintenance Ecosystems (Rev AME) research project. This project aims to define the knowledge, skills, and abilities essential for eVTOL aircraft technicians, bridging the current gap in aviation maintenance technician qualifications.

The long-term value of Rev AME will transform aerospace maintenance training, ensuring that the workforce is prepared to meet the evolving demands of the industry. Through Rev AME, Northland and NCAT are committed to contributing significantly to the safety, efficiency, and sustainability of the aerospace industry.

Northland and NCAT are committed to research and innovation, which makes a valuable contribution to North/Northwest Minnesota. Through initiatives like Rev AME, Northland and NCAT bolster the region's workforce and economic resilience. By collaborating with industry and government partners and adhering to regulatory standards, they ensure that graduates are not only well-prepared for the demands of today's aviation industry but also equipped to navigate emerging technologies and industry trends, driving innovation and growth throughout the region.

The National Center for Autonomous Technologies is headquartered at Northland Community & Technical College and serves as a resource hub for evidence-based research, such as the Rev AME. The Collaboratory recipients of the NASA Grant include Clemson University, Southern Illinois University, Aviation Technician Education Council, and Utah Valley University. To learn more about Rev AME, Northland's aviation programs, and NCAT, contact Stephanie Rispa at stephanie.rispa@northlandcollege.edu.



About Northland Community & Technical College

Northland Community & Technical College is a comprehensive college with campuses in East Grand Forks, Minnesota, and Thief River Falls, Minnesota. Northland also has an aerospace site in Thief River Falls, Minnesota, and campus extension sites in Roseau, Minnesota, and Warroad, Minnesota. Northland offers certificates, diplomas, transfer courses, and two-year degrees (A.A.S., A.S., A.A.) in more than 80 areas of study, workforce training, and education programs. Northland is a member of Minnesota State, the third-largest system of two-year colleges and four-year universities in the United States, and is accredited by the Higher Learning Commission of the North Central Association. For more information about Northland Community & Technical College, visit www.northlandcollege.edu.